Appendix 1 – Survey Instrument

FinalReport.doc 112

University of Southern California

Department of Geography

INFORMATION SHEET FOR NON-MEDICAL RESEARCH

Santa Monica Mountains National Recreation Area Visitor Survey – Recreational Trail Use

You are asked to participate in a research study conducted by Dr. Jennifer Wolch (BA., MA., PhD.) and Mr. Jason Byrne (BA. Hons.) from the Department of Geography at the University of Southern California. Results will be contributing towards a research project investigating attitudes towards nature and the provision of open space together with improving the knowledge of the National Park Service in regards to park visitors. You were selected as a possible participant in this study because you are a visitor to the Santa Monica Mountains National Recreation Area. Your participation is voluntary.

You can choose whether to be in this study or not. If you volunteer to be in this study, you may withdraw at any time without consequences of any kind. You may also refuse to answer any questions you don't want to answer and still remain in the study. Completion and return of the questionnaire or response to the interview questions will constitute consent to participate in this research project. The investigator may withdraw you from this research if circumstances arise which warrant doing so.

We are asking you to take part in a research study because we are trying to learn more about what type of people visit the Santa Monica Mountains National Recreation Area, why they visit this area, the visitor's attitudes towards nature, whether there are any conflicts between various park visitors, and whether park visitors have any safety concerns.

You will be asked to complete a survey questionnaire, which should take approximately 15 minutes of your time. Filling in this survey will not pose any risks to you. We will **not** gather personal information or any other data that could be traced back to you. The research will be beneficial to you in that the survey results will inform park planning, visitor evaluation and recreational programs. You will **not** receive payment for completion of the survey.

Any information that is obtained in connection with this study and that can be identified with you will remain confidential and will be disclosed only with your permission or as required by law. Data gathered in the survey will be provided to the National Park Service to assist them with their park planning.

No information will be included that would reveal your identity. Furthermore, when the results of the research are published and / or discussed in conferences, there will not be any discussion of information that could be traced back to you.

Information regarding the number of visitors, their time of visit and their demographic data, will be entered on a log sheet. Statistical analysis will be undertaken for all survey items, to provide a detailed overall profile of users, profiles of users by general park location, and by user types (bikers, hikers, etc.). The data will be stored electronically and will be provided to the National Park Service.

If you have any questions or concerns about the research, please feel free to contact Mr. Jason Byrne: Secondary Investigator, at the Department of Geography, University of Southern California, Kaprielian Hall, Room 416, 3620 South Vermont Avenue, Los Angeles, CA 90089-0255, Telephone (213) 740-5298, e-mail: jbyrne@usc.edu or Dr. Jennifer Wolch Principal Investigator, Department of Geography, University of Southern California, Kaprielian Hall, Room 416, 3620 South Vermont Avenue, Los Angeles, CA 90089-0255, Telephone (213) 740-0521.

You may withdraw your consent at any time and discontinue participation without penalty. You are not waiving any legal claims, rights or remedies because of your participation in this research study. If you have questions regarding your rights as a research subject, contact the University Park IRB, Office of the Vice Provost for Research, Bovard Administration Building, Room 300, Los Angeles, CA 90089-4019, (213) 740-6709 or upirb@usc.edu.



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OFFICE USE ONLY

Trail	survey site:	_						
Date	/time of interview:							
Inter	viewer:							
1.	Is this your fr Area (SMMNR		to the	Santa	Monica Mountains	National	Recrea	ation
	Yes 📮	No						
2a.	Which of the fo	U			you engage in, or h	nave you e	ngaged	l in,
	Sightseeing			2a1	Horseback riding			2a9
	Hiking			2a2	Rock climbing			2a10
	Picnicking			2a3	Painting/crafts			2a11
	Mountain biking			2a4	Photographing			2a12
	Bird watching			2a5	Sunbathing			2a13
	Walking dog(s)			2a6	Wading/swimming	,		2a14
	Jogging			2a7	Other		☐ _{2a15}	
	Camping			2a8	(type?)			
2b.	Of these activiti			-	on 2a, what were the gage in?	three mai	n activ	⁄ities
	Activity 1				2b.1			
	Activity 2				2b.2			
	Activity 3				2b.3			

3. Why did you choose to visit the SMMNRA today?

To exercise	\square_{3a}	To experience fewer people
To be outdoors	☐ 3b	To attend an organized event
To enjoy the quiet	\square_{3c}	To undertake school research
To breathe fresh air	☐ 3d	To engage in adventure sports
To see wildflowers	☐ 3e	To be with companion animals
To see/hear wildlife	\square 3f	To socialize with family/friends
To enjoy scenic beauty	☐ 3g	To educate children about nature
To escape city/suburbs	\square 3h	Other
To commune with nature	□ _{3i}	(type?)
	S VISIT T	TO THE SMMNRA, PLEASE S
STION 6a.		
STION 6a. Is this the trail you norm	ally visit in	the SMMNRA?
Is this the trail you norm Yes No	ally visit in	the SMMNRA?
Is this the trail you norm Yes No Do you visit other SMM	ally visit in	the SMMNRA?
Is this the trail you norm Yes No Do you visit other SMM Yes No If so, where?	ally visit in NRA trails	the SMMNRA?
Is this the trail you norm Yes No Do you visit other SMM Yes No If so, where?	ally visit in NRA trails Santa Mo	the SMMNRA? ? Onica Mountains NRA? visi
Is this the trail you norm Yes No Do you visit other SMM Yes No If so, where? How often do you visit the	ally visit in NRA trails Santa Mo	the SMMNRA? ? onica Mountains NRA? visi
Is this the trail you norm Yes No Do you visit other SMM Yes No If so, where? How often do you visit the What time of year do you	ally visit in NRA trails e Santa Mo	the SMMNRA? ? onica Mountains NRA? visit ? sea lly visit? da
Is this the trail you norm Yes No Do you visit other SMMI Yes No If so, where? How often do you visit the What time of year do you What day of the week do	ally visit in NRA trails e Santa Mo	the SMMNRA? ? onica Mountains NRA? visit ? sea lly visit? da

Revised: 3/20/2003

6a.	Why would you choose to visit a local or neighborhood community parlinstead of coming to the Santa Monica Mountains NRA?							
		(Check all that apply)						
	Limited time				□ 6a1			
	Easier access				□ _{6a2}			
	Different recreation opportu	ınities			□ _{6a3}			
	Community gardening				□ _{6a4}			
	Group recreation opportuni		□ _{6a5}					
	See neighborhood friends				□ 6a6			
	Easier to take children				□ _{6a7}			
	Other (type)				\square_{6a8}			
6b.	How often do you visit yo		nborhood		parks? visits/month			
6c.	What time of year do you	ı visit most?			season			
6d.	What day of the week do	you normally v	isit?		day			
6e.	What time of day do you	normally visit?		morning				
		afternoon						
				evening	J			
7.	Where does your know Mountains come from?	ledge of wildlif	e and/or	plants in t	he Santa Monica			
				(Check al	l that apply)			
	Ranger-led nature walks	□ _{7a}	TV		□ _{7h}			
	School	□ _{7b}	Previou	ıs visits	□ _{7i}			
	Park brochures	□ _{7c}	Family	/ friends	□ _{7j}			
	Park signs	□ _{7d}	Live in	the area	\square_{7k}			
	Nature observation	□ _{7e}	Organi	zed groups	1 71			
	Books	□ _{7f}	Other		□ _{7m}			
	Magazines	□ _{7g}	(type)_					

8.	In your opinion, the n Mountains is:	nost important reason to protect	the Santa Monica						
	Marian 15.	(sel	ect one only)						
	To provide recreational opp	portunities	□ 8a						
	To provide habitat for plant	s and wildlife	□ _{8b}						
	No opinion		□ 8c						
	Other (type)		\square_{8d}						
9a.	Do the activities or beha	viors of other trail users affect you	ur experience at the						
	Santa Monica Mountains NRA?								
	Yes	□ _{9a1}							
	No	□ _{9a3}							
IF Y	OU ANSWERED NO TO O	UESTION 9a, PLEASE SKIP TO (DUESTION 10a.						
9b.	identify how these user a	aviors of other trail users do affect activities impact you. (select one box only for each a	• •						
	Mountain biking	Strongly positive	_{9b1}						
		Somewhat positive	701						
		Neither positive nor negative							
		Neither positive nor negative Somewhat negative	 o						
	Horseback riding	Neither positive nor negative Somewhat negative Strongly negative	 						
	Horseback riding	Neither positive nor negative Somewhat negative Strongly negative No opinion							
	Horseback riding	Neither positive nor negative Somewhat negative Strongly negative No opinion Strongly positive							
	Horseback riding	Neither positive nor negative Somewhat negative Strongly negative No opinion Strongly positive Somewhat positive							
	Horseback riding	Neither positive nor negative Somewhat negative Strongly negative No opinion Strongly positive Somewhat positive Neither positive nor negative							

Hiking	Strongly positive	9 _{b3}
	Somewhat positive	
	Neither positive nor negative	
	Somewhat negative	
	Strongly negative	
	No opinion	
Running/jogging	Strongly positive	9 _{b4}
	Somewhat positive	
	Neither positive nor negative	
	Somewhat negative	
	Strongly negative	
	No opinion	
Picnicking	Strongly positive	9 _{b5}
Picnicking	Strongly positiveSomewhat positive	
Picnicking		
Picnicking	Somewhat positive	
Picnicking	Somewhat positive Neither positive nor negative	
Picnicking	Somewhat positive Neither positive nor negative Somewhat negative	
Picnicking Dog walking	Somewhat positive Neither positive nor negative Somewhat negative Strongly negative	
	Somewhat positive Neither positive nor negative Somewhat negative Strongly negative No opinion	
	Somewhat positive Neither positive nor negative Somewhat negative Strongly negative No opinion Strongly positive	
	Somewhat positive Neither positive nor negative Somewhat negative Strongly negative No opinion Strongly positive Somewhat positive	
	Somewhat positive Neither positive nor negative Somewhat negative Strongly negative No opinion Strongly positive Somewhat positive Neither positive nor negative	

	Others (type)		
		Strongly positive	967
		Somewhat positive	
		Neither positive nor negat	ive□
		Somewhat negative	
		Strongly negative	
		No opinion	
9c.	•	s you selected in Question ace, why do they present a pr	9
			(Check all that apply)
	Damage plants		□ _{9c1}
	Uncooperative behavior (rude, obstructing trail, etc.)	□ _{9c2}
	Frighten wildlife		□ _{9c3}
	Startle people		□ _{9c4}
	Make too much noise		□ _{9c5}
	Litter		□ _{9c6}
	Scare horses		□ _{9c7}
	Leave animal wastes		□ _{9c8}
	Potential collisions/injury		□ _{9c9}
	Other (type)		□ _{9c10}
10a.	long did it take for you t	of the southern California of get from home to the trail	
	If you are not a Souther	n California resident, SKIP	to Question 11.
10b.	To determine the dista intersection to your hon	nce you live from the trail, ne?	what is the closest major
	Write intersection here		

11.	What is your residential zip code?	
12.	How did you travel to the trail today?	(select one only)
	Car/truck/SUV/van	□ _{12a}
	Public transportation	□ _{12b}
	Group transportation (club/organization)	\square_{12c}
	Motorcycle/scooter	\square_{12d}
	Bicycle	□ _{12e}
	Walk/jog	$\square_{12\mathrm{f}}$
	Horseback	□ _{12g}
	Other (type)	□ _{12h}
13.	How many participants are in your group?	
	people _{13a}	
	pets/animals _{13b}	
14.	What type of group are you here with?	(select one only)
14.	What type of group are you here with? Alone	(select one only) \square_{14a}
14.		,
14.	Alone	□ _{14a}
14.	Alone Family	□ _{14a} □ _{14b}
14.	Alone Family Friends	□ _{14a} □ _{14b} □ _{14c}
14.	Alone Family Friends Family & friends	□ _{14a} □ _{14b} □ _{14c} □ _{14d}
14.	Alone Family Friends Family & friends Religious organization / Church	\Box_{14a} \Box_{14b} \Box_{14c} \Box_{14d} \Box_{14e}
14.	Alone Family Friends Family & friends Religious organization / Church Youth Club	□ 14a □ 14b □ 14c □ 14d □ 14e □ 14f
14.	Alone Family Friends Family & friends Religious organization / Church Youth Club Educational	\Box_{14a} \Box_{14b} \Box_{14c} \Box_{14d} \Box_{14e} \Box_{14f} \Box_{14g}
14.15.	Alone Family Friends Family & friends Religious organization / Church Youth Club Educational Other organization or club	□ 14a □ 14b □ 14c □ 14d □ 14e □ 14f □ 14g □ 14h
	Alone Family Friends Family & friends Religious organization / Church Youth Club Educational Other organization or club Other (type)	□ 14a □ 14b □ 14c □ 14d □ 14e □ 14f □ 14g □ 14h

17b.	If you answered yes to question 17a, how many age do you have?	children under 18 years of
18.	Which of the following best describes your househo	old?
		(select one only)
	Single	\square_{18a}
	Unrelated adults	□ _{18b}
	Couple without children under 18	□ _{18c}
	Single parent with children under 18	□ _{18d}
	Two parents with children under 18	□ _{18e}
	Multigenerational household	☐ _{18f}
19.	Is your home:	(select one only)
	Owned by you or someone in your household?	□ _{19a}
	Rented?	□ _{19b}
20.	What is your highest level of educational attainment	nt?
		(select one only)
	High school student	□ _{20a}
	No high school diploma or GED	□ _{20b}
	High school graduate or GED	□ _{20c}
	College	□ _{20d}
21.	Are you Hispanic or Latino?	
	Yes, Hispanic or Latino	□ _{21a}
	No, Not Hispanic or Latino	\square_{21b}

(Check one or more races to indicate what you consider yourself to be)								
ın Indian or Ala	ska native			\square_{22a}				
		\square_{22b} \square_{22c} \square_{22d}						
African-Amer								
Hawaiian or oth								
				\square_{22e}				
wish to answer				\square_{22f}				
is	your	country	of		origin?			
re you were born here			-					
a not have in	the United (States how n	ann voors h	OVO VOI	ı livad in			
		states, now n	iany years n	ave you	i nveu m			
year	.S							
language(s)								
language(s)	do	you	speak	at	home?			
anguage(s)	do	you	speak -	at	home?			
		you	-	at one only				
0		you	-					
ur household i		you	-	one only				
ur household i		you	-	one only □ _{25a}				
ur household i un \$25,000 0 - \$50,000		you	-	one only \square_{25a} \square_{25b}				
ur household i an \$25,000 0 - \$50,000 - \$75,000		you	-	one only \Box_{25a} \Box_{25b} \Box_{25c}				
ur household i an \$25,000 0 - \$50,000 - \$75,000 - \$100,000		you	-	one only \Box_{25a} \Box_{25b} \Box_{25c} \Box_{25d}				
ur household i un \$25,000 0 - \$50,000 1 - \$75,000 2 - \$100,000 201 - \$125,000		you	-	one only \Box_{25a} \Box_{25b} \Box_{25c} \Box_{25d} \Box_{25e}				
ur household i un \$25,000 0 - \$50,000 1 - \$75,000 2 - \$100,000 201 - \$125,000 201 - \$150,000		you	-	one only $ \Box_{25a} $ $ \Box_{25b} $ $ \Box_{25c} $ $ \Box_{25d} $ $ \Box_{25e} $ $ \Box_{25f}$				
ur household i un \$25,000 0 - \$50,000 1 - \$75,000 2 - \$100,000 20 - \$125,000 20 - \$150,000 20 - \$175,000	income?	you	-	one only $ \Box_{25a} $ $ \Box_{25b} $ $ \Box_{25c} $ $ \Box_{25d} $ $ \Box_{25e} $ $ \Box_{25f} $ $ \Box_{25g}$				
	African-Amer Hawaiian or oth wish to answer is e you were born here e not born in year	n Indian or Alaska native African-American Hawaiian or other Pacific Isla wish to answer is your	African-American Hawaiian or other Pacific Islander vish to answer is your country e you were born here e not born in the United States, how n	African-American Hawaiian or other Pacific Islander vish to answer is your country of e you were born here e not born in the United States, how many years he	In Indian or Alaska native African-American Hawaiian or other Pacific Islander is your country of e you were born here e not born in the United States, how many years have you			

26.	Do you h	ave a p	hysical	disabil	ity?						
	Yes		No								
27.	Have you	ı exper	ienced a	any ba	rriers t	o acce	ss at this	s loca	tion?		
	Yes		No								
28a.	Have yo	_		d any	barri	ers to) access	s at	other	Santa	Monica
	Yes		No								
28b.	If yes, wh	nat are	the bar	riers aı	nd whe	re are	they?				
That's Thank	all the	-	estions your tim			•	Do y njoy your			any c	questions?

PRIVACY ACT and PAPERWORK REDUCTION ACT statement: 16 U.S.C. 1a-7 authorizes collection of this information. This information will be used by park managers to better serve the public. Response to this request is voluntary. No action may be taken against you for refusing to supply the information requested. Permanent data will be anonymous. Data collected through visitor surveys may be disclosed to the Department of Justice when relevant to litigation or anticipated litigation, or to appropriate Federal, State, local or foreign agencies responsible for investigating or prosecuting a violation of law. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

Burden estimate statement: Public reporting for this form is estimated to average 15 minutes per response. Direct comments regarding the burden estimate or any other aspect of this form to the Information Collection Clearance Officer, WASO Administrative Program Center, National Park Service, 1849 C Street, Washington, D.C. 20240.